

Product type designation



SCALANCE X108PoE

SCALANCE X108POE UNMANAGED IE SWITCH, 2 X 10/100MBIT/S RJ45 POWER OVER ETHERNET PORTS AND 6 X 10/100MBIT/S RJ45 PORTS, LED-DIAGNOSIS, FAULT SIGNAL. CONTACT WITH SET BUTTON, REDUNDANT VOLTAGE SUPPLY MANUAL AVAILABLE AS DOWNLOAD

Transmission rate

Transfer rate	10 Mbit/s, 100 Mbit/s
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Interfaces

Number of electrical/optical connections	
<ul style="list-style-type: none"> for network components or terminal equipment / maximum 	8
Number of electrical connections	
<ul style="list-style-type: none"> for network components or terminal equipment for Power-over-Ethernet / for network components or terminal equipment 	6 2
Type of electrical connection	
<ul style="list-style-type: none"> for network components or terminal equipment for Power-over-Ethernet / for network components or terminal equipment 	RJ45 port RJ45 port

Interfaces / for communication / integrated

Number of 100 Mbit/s SC ports / for multimode	0
Number of 1000 Mbit/s LC ports / for multimode	0

Interfaces / others

Number of electrical connections	
<ul style="list-style-type: none"> for signaling contact for power supply for redundant voltage supply 	1 1 1
Type of electrical connection	

- for signaling contact
- for power supply

2-pole terminal block

4-pole terminal block

Signal-Inputs/outputs

Operating voltage / of the signaling contacts	
<ul style="list-style-type: none"> • for DC / Rated value 	24 V
Operating current / of the signaling contacts	
<ul style="list-style-type: none"> • for DC / maximum 	0.1 A

Supply voltage, current consumption, power loss

Type of voltage / of the supply voltage	DC
Supply voltage	
<ul style="list-style-type: none"> • external 	24 V
<ul style="list-style-type: none"> • external 	18 ... 32 V
Product component / fusing at power supply input	Yes
Fuse protection type / at input for supply voltage	4 A / 125 V
Consumed current / maximum	1.7 A
Active power loss	
<ul style="list-style-type: none"> • for DC / at 24 V 	10 W

Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> • during operation 	-20 ... +60 °C
<ul style="list-style-type: none"> • during storage 	-40 ... +80 °C
<ul style="list-style-type: none"> • during transport 	-40 ... +80 °C
<ul style="list-style-type: none"> • Note 	At 55° C ambient temperature on both sides 40 mm distance to adjacent devices
Relative humidity	
<ul style="list-style-type: none"> • at 25 °C / without condensation / during operation / maximum 	95 %
Ambient condition	
<ul style="list-style-type: none"> • for operation 	Conformal coating, no
Coating	Conformal Coating, no
Protection class IP	IP30

Design, dimensions and weight

Design	compact
Width	60 mm
Height	125 mm
Depth	124 mm
Net weight	0.9 kg
Mounting type	
<ul style="list-style-type: none"> • 35 mm DIN rail mounting 	Yes
<ul style="list-style-type: none"> • wall mounting 	Yes
<ul style="list-style-type: none"> • S7-300 rail mounting 	Yes

- S7-1500 rail mounting

No

Product functions / management, configuration

Product function

- multiport mirroring
- switch-managed

No

No

Standards, specifications, approvals

Standard

- for FM
- for hazardous zone
- for safety / from CSA and UL
- for hazardous zone / from CSA and UL
- for emitted interference
- for interference immunity

FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4

EN 60079-0:2009, EN60079-15:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X

UL 60950-1, CSA C22.2 No. 60950-1

UL 1604 and UL 2279-15 (Hazardous Location), Class 1 / Division 2 / Group A, B, C, D / T.., Class 1 / Zone 2 / Group IIC / T..

EN 61000-6-4:2001

EN 61000-6-2:2001

Certificate of suitability

- CE marking
- C-Tick
- KC approval
- E1 approval
- E1 approval
- Railway application in accordance with EN 50155

EN 61000-6-2:2001, EN 61000-6-4:2001

Yes

Yes

Yes

No

No

Yes

Marine classification association

- American Bureau of Shipping Europe Ltd. (ABS)
- Bureau Veritas (BV)
- Det Norske Veritas (DNV)
- Germanische Lloyd (GL)
- Lloyds Register of Shipping (LRS)
- Nippon Kaiji Kyokai (NK)
- Polski Rejestr Statkow (PRS)
- Royal Institution of Naval Architects (RINA)

Yes

Yes

Yes

Yes

Yes

Yes

No

No

MTBF / at 40 °C

61.64 y

Further Information / Internet Links

Internet-Link

- to website: Selector SIMATIC NET SELECTION TOOL
- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center

<http://www.siemens.com/snst>

<http://www.siemens.com/simatic-net>

<https://mall.industry.siemens.com>

<http://www.siemens.com/automation/net/catalog>

- to website: Image database
- to website: CAx Download Manager
- to website: Industry Online Support

<http://automation.siemens.com/bilddb>

<http://www.siemens.com/cax>

<https://support.industry.siemens.com>

Security information

Security information

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